

INFANTRY NEWS



CHIEF OF INFANTRY UPDATE

EDITOR'S NOTE: Infantrymen are encouraged to comment on the items that appear here and to suggest topics they would like to see covered in the future. Address suggestions to Commandant, U.S. Army Infantry School, ATTN: ATSH-TDI, Fort Benning, GA 31905-5593, or call DSN 835-2350/6951 or commercial (404) 545-2350/6951.

THE 1992 INFANTRY Conference will be conducted at Fort Benning, Georgia, 7-10 April 1992. The purpose of the conference is to provide a forum for exchange of dialogue between members of the Active Army and Reserve components and the Infantry School with the focus on warfighting, doctrine, tactics, training, weapon systems, and combat developments.

SQUAD AUTOMATIC WEAPON (M249) gunners who are lubricating the components of the weapon's gas system must stop doing so immediately.

A recent Infantry School survey of M249 gunners indicated that about 36 percent of them had been using CLP (Cleaner, Lubricant and Preservative) to lubricate these components. The M249 operator's manual (TM9-1005-201-10, July 1991, pages 3-34 and 3-39) clearly states that the gas regulator hole in the barrel, the gas regulator, and the piston on the piston assembly *must not be lubricated*. Similarly, the inside of the gas cylinder assembly must not be lubricated (TM9-1005-201-23&P, 14 December 1990, page 2-15).

Lubrication of these components will

greatly increase the likelihood of weapon stoppages and must be discontinued.

THE M113 ARMORED PERSONNEL carrier has passed its 30th anniversary and is still in production.

The M113 was introduced in 1960 to replace the aging M59 APC, and today there continues to be a requirement for these versatile carriers. The M113 has been improved over the past 30 years — with a diesel engine in 1964, improved cooling and suspension in 1979, and an improved M113A3 configuration in 1987.

The M113A3 configuration includes the reliability in selected equipment (RISE) powerpack, which consists of a 275-horsepower turbocharged engine and a new hydrostatic transmission, internal kevlar spall liners that provide added protection for the crew, and external fuel tanks mounted on the rear of the vehicle. The external tanks reduce the chance of fire inside and increase interior stowage space. The M113A3 also has mounting provisions for a bolt-on armor kit that has not yet been procured.

These improvements have increased the mobility, survivability, and reliability of the M113 APC. It now has mobility commensurate with that of the supported force and can maneuver with the Bradley fighting vehicle and the Abrams tank fleet.

The performance and protection on the M113A3 help it maintain the OPTEMPO of our modern divisions. Since production began in 1987, more than 1,600 vehicles have rolled off the

production line and have been issued to Active Army, Army National Guard, and U.S. Army Reserve units. Although these units are procuring no more new production vehicles at this time, foreign military sales of new vehicles continues.

Since 1989, the depot conversion of the M113A2 vehicles to the M113A3 configuration has been the Army's method of improving the fleet, and its usefulness will continue well into the next century.

The A3 improvements are now being programmed for other members of the M113 family including the M577 command post vehicle, the fire support vehicle (FIST-V), the 120mm mortar carrier (M1064), and the smoke generator.

THE PATHFINDER COURSE offered by the Infantry School trains soldiers to control helicopters in all phases of airmobile operations. As announced in a recent change to DA Pamphlet 351-4, Army Formal Schools Catalog, the three-week program of instruction includes the following tasks:

- Establish and operate a day/night single and multiple aircraft helicopter landing zone.
- Establish and operate a day/night Army and Air Force parachute drop zone.
- Conduct slingload operations.
- Provide air traffic control and navigational assistance to aircraft within an operational site control zone.

To attend the three-week course, commissioned officers (Active Army or Reserve Component) must meet the following prerequisites:

- Be in the ranks of second lieutenant through captain.

- Have actual or anticipated duty assignments that require performance or knowledge of pathfinder duties in branch codes 11, 12, 13, 14, and 21.

Enlisted personnel must meet the following prerequisites:

- Be in the ranks of sergeant through master sergeant and have at least one year of service remaining upon completion of the course.

- Have actual or anticipated duty assignments that require performance or knowledge of pathfinder duties in PMOS 11B, 11C, 11H, 11M, 19D, 76Y, or 88M.

Both officers and enlisted personnel must have valid physical examinations less than 12 months old and minimum physical profile serials of 111121 with no speech impediments.

U.S. Marine Corps personnel — company grade officers and enlisted personnel in the ranks of corporal through gunnery sergeant — may also attend.

THE JUMPMASER SCHOOL offered at the Infantry School trains soldiers to perform the following tasks:

- Serve as jumpmaster on a day/night combat equipment jump.

- Demonstrate proper attaching, jumping, and releasing procedures with an individual weapon and equipment container while participating in an actual jump.

- Attain a passing score on a final written examination.

- Demonstrate proficiency in the jumpmaster personnel inspection by successfully inspecting two rigged jumpers and one combat-equipped jumper in four minutes, 30 seconds. Student must score 70 or higher and miss no major discrepancies.

To attend, a soldier must meet the following prerequisites:

- Be in the Active Army, Army National Guard, or Army Reserve, officer or enlisted in the rank of sergeant or above.

- Be a qualified parachutist with at least 12 static line parachute jumps from

U.S. Air Force aircraft and on jump status for 12 months.

- Be recommended by his battalion commander or another officer in the rank of lieutenant colonel.

Marine Corps enlisted personnel in the rank of sergeant and above may attend. Corporals may also attend if they are volunteer qualified military parachutists who have at least 15 static line jumps.

THE INFANTRY MORTAR Leader's Course (IMLC) is a five-week, four-day course designed to teach junior commissioned officers and senior noncommissioned officers the tactical and technical aspects of all mortar systems now used by the United States.

The current program of instruction consists of classroom instruction, hands on training, and field training. One week is devoted to mechanical training on the 60mm, 81mm, 107mm, and 120mm mortar systems. Two weeks are dedicated to training on the M16 plotting board and the mortar ballistic computer (MBC). The rest of the course covers tactics, training management, forward observer procedures, and survey procedures.

Each student must score at least 70 percent on each of the tests given, and two retests are given if needed.

Commissioned officers must be in the ranks of first or second lieutenant — Active Army, Army National Guard, or Army Reserve — who are assigned to, or on orders for assignment to, infantry mortar units. Officers in the continental United States (CONUS) will attend in a temporary duty (TDY) and return status. Officers outside CONUS must be identified to the U.S. Army Personnel Command as potential mortar platoon leaders and may attend in TDY enroute status.

Noncommissioned officers must be in the ranks of sergeant to master sergeant — Active Army, Army National Guard, or Army Reserve — serving in a mortar unit. All IIC graduates of the Advanced Noncommissioned Officer Course who have graduation dates of 30 September 1990 or later will no longer be authorized

to attend the IMLC unless they have not been assigned to an IIC TOE position within 36 months of applying for attendance.

Students should not report for the course without approved ATRRS (Army Training Requirements and Resources System) quotas. The schedule for the remainder of FY 1992 is as follows:

CLASS NUMBER	CLASS DATES
4-92	26 Jan 92-06 Mar 92
5-92	15 Mar 92-23 Apr 92
6-92	03 May 92-12 Jun 92
7-92	21 Jun 92-31 Jul 92
8-92	16 Aug 92-25 Sep 92

THE FIRST ANNUAL U.S. ARMY Combat Arms Matches will be conducted at Fort Benning, 26 April to 2 May 1992. The commander of the U.S. Army Marksmanship Unit (USAMU) invites all units and individuals from the Active Army, U.S. Army Reserve, and Army National Guard to participate.

The Combat Arms Matches, which replace the All Army Championships of previous years, are totally oriented toward training and testing critical small arms combat skills. This shift in emphasis is a natural result of the Total Army's longstanding desire to increase the individual soldier's ability to use his issued service weapon effectively.

The matches have been specifically designed to accomplish three major goals:

- Provide state of the art training and evaluation of small arms combat skills, training that meshes perfectly with our current Army-wide combat training.

- Be accessible to all commands, regardless of branch, size, or level of current marksmanship training.

- Provide this improved combat-oriented competition within the limitations of personnel, time, and budget.

The competition will consist of rifle, pistol, sniper, and machinegun courses of fire. The emphasis will be placed on combat skills integrated into marksmanship competition. This marksmanship competition will give commanders at all levels a training event they can

immediately recognize and identify with. Training for this competition is purposely designed to fit in with existing resources, training scenarios, and limitations.

Units are encouraged to come to Fort Benning in April and compete against the best the Total Force has to offer. The new matches are challenging; all competitors will learn and retain valuable small arms combat skills and return to their parent units with an increased sense of pride and cohesion that stems from their on-range accomplishments.

Commanders at all levels are invited to accompany their units to the competitions. They will find that it is the best small arms range training and evaluation available anywhere.

Requests for match bulletins should be directed to Commander, USAMU, ATTN: S-3, Fort Benning, GA 31905-5810. The telephone numbers to call are DSN 835-1410/7174 or commercial (404) 545-1410/7174.

SOLDIERS WHO ARE SCHEDULED to come to Fort Benning to attend the U.S. Army Sniper Course need to be informed of the following:

To enter the course, a soldier must meet all the prerequisites outlined in DA Pamphlet 351-4, Army Formal Schools Catalog, 1 October 1990. If on separate rations, he must be issued meal cards from his parent unit before reporting to the course.

He must bring the following items with him:

- Five copies of orders (10 copies for National Guardsmen and Army Reservists).
- Medical records (clearance for physical training if over 40 years of age).
- DA Forms 2A and 2-1.
- Weapon qualification card (within past six months).
- Identification card and tags.
- Four sets of BDUs, hot weather or regular.
- Two pairs boots (combat, jungle).
- Two BDU caps.
- Army grey PT uniform (seasonal), complete with running shoes.

- Field jacket and black work gloves (seasonal).
- Earplugs with case.
- Padlock, combination or key.
- Undergarments, toiletries, and additional items, as necessary.
- Civilian clothes.

In addition to this list, soldiers may want to bring the following optional items to aid them in the course:

- Small hand saw.
- Knife (except lock-blades, switch-blades, and knives with blades that extend over six inches).
- Pruning shears.
- Camouflage sniper's veil.
- 550 cord.
- 100-mile-per-hour tape.

All of the TA-50 items required, as well as weapons and necessary equipment not mentioned above, will be issued to the soldiers once they have in-processed.

Soldiers attending the course must report to the school's headquarters (Building 4475) in the Harmony Church area of Fort Benning not later than 1200 on the class reporting date. To obtain directions to this location, they should report to the Fort Benning Information Center (at the main gate) or to the Post Staff Duty Officer in Infantry Hall (Building 4).

For further information on the U.S. Army Sniper Course, contact the operations section at DSN 784-7455/7438 or commercial (404) 544-7455/7438. During non-duty hours, call the staff duty NCO at the 2d Battalion, 29th Infantry headquarters, DSN 784-6742/6951 or commercial (404) 544-6741/6951.

BEFORE REPORTING FOR THE TOW Leader Course, soldiers need to be aware of the following information:

To enter the course, the soldiers must meet all prerequisites as outlined in DA Pamphlet 351-4, Army Formal Schools Catalog, 1 October 1990.

The following is a list of items each must bring with him to the course:

- Six copies of his orders.
- Valid identification card.
- Valid secret clearance (noted on orders).

- Identification tags with chains.
- One U.S. Army grey PT uniform.
- Four sets of BDUs.
- Two pairs of boots.
- One pair of black gloves with inserts (seasonal).
- One BDU field jacket (seasonal).
- Two black ink pens.
- Note pad.
- 201 file or DA Forms 2-1 and 2A.

Soldiers attending the U.S. Army TOW Leader Course must report to Building 17, Wilkins Hall, Stairwell H-16 in the main post area of Fort Benning between the hours of 1300 and 1900 on the day before the course begins. After in-processing, each student will be issued TA-50 equipment for use during the course.

It is advisable for soldiers attending on a temporary duty (TDY) and return basis to receive a partial payment from their units before they leave for the course. The Fort Benning Finance and Accounting Office will not issue checks until one week after a class begins.

Any additional questions pertaining to in-processing should be addressed to Commander, HHC, 29th Infantry, ATTN: Student Operations, DSN 784-3747 or commercial (404) 545-3747/1768.

Commanders and trainers who need more information about the course itself are encouraged to write to Commandant, U.S. Army Infantry School, ATTN: Company B, 2d Battalion, 29th Infantry, Fort Benning, GA 31905-5595; or to call DSN 784-6474 or commercial (404) 544-6474/6606. During non-duty hours, call the staff duty NCO, 2d Battalion, 29th Infantry, DSN 784-6742/6951 or commercial (404) 544-6741/6951.

THE PRECISION GUNNERY System (PGS), a retroreflective laser trainer, is now being developed to serve as the Army's newest Bradley gunnery training device. It is mounted on a Bradley fighting vehicle in much the same way MILES is mounted.

The PGS will feature an eye-safe laser transmitter-receiver and a computer called the main electronic unit (MEU). Targets equipped with retroreflectors

send back to the system's receiver the transmitted laser beams fired from a BFV. The MEU then calculates the distance to the targets, the speed of the targets, the speed of the BFV, and the ballistic characteristics of the ammunition selected. Upon completion of an engagement, the MEU provides a printout of hit and miss information.

The PGS is electronically designed to inject the images of 25mm and coaxial machinegun tracer rounds and TOW flare obscuration effects into the gunner's and the vehicle commander's sights. This allows the gunner or the commander to see the ballistic path of the rounds being fired and to make burst-on-target corrections.

The PGS offers several key advantages over the current training devices: Mounted and dismounted training is integrated; the training cost is reduced because there is no need for live ammunition; and training is no longer restricted to ranges.

The expected basis of issue is 13 sets per Bradley battalion, and the first-unit-equipped date is projected to be the third quarter of Fiscal Year 1993.

A HOTLINE HAS BEEN established for the office of TSM-Soldier at Fort

Benning (Training and Doctrine Command Systems Manager-Soldier). It will enable soldiers and commanders to call any hour of the day and night with their recommendations on what a soldier wears, carries, or consumes in a tactical environment.

The Army — in its efforts to modernize doctrine, equipment, and support for the soldier — relies heavily on input from the field. TSM-Soldier is seeking recommendations for improving the battlefield capabilities of lethality, command and control, survivability, sustainment, and mobility, along with lightening the soldier's load and improving his quality of life in the field.

Until a toll-free number can be established, the hotline number will be DSN 835-1245 or commercial (404) 545-1245. The toll-free number will be published as soon as it is available.

THE INFANTRY SCHOOL HOTLINE is maintained specifically to receive questions and comments from the field. The number is DSN 835-7693; commercial (404) 545-7693.

Questions are recorded, and answers are returned within 48 hours. Lengthy questions or comments should be sent

in writing to Commandant, USAIS, ATTN: ATSH-ES, Fort Benning, GA 31905-5420.

MOBILE TRAINING TEAMS (MTTs) from the 29th Infantry at Fort Benning can now teach three courses to units in the field — the Sniper Course, the TOW Leaders Course, and the Infantry Mortar Platoon Leaders Course.

Units that request these teams will have to pay temporary duty expenses. For more information, anyone who is interested may call DSN 835-3464, or commercial (404) 545-3464.

THE BRADLEY GUNNERY MANUAL (FM 23-1) dated March 1991 has undergone technical and editorial changes that are aimed at better defining the gunner language and correcting errors.

BT VIII A, task 2 (HE Area Engagement) has become a subject of controversy between objective and subjective scoring procedures. No objective scoring device has been fielded. In the interim, the 29th Infantry is recommending an alternate multiple-point engagement of three trucks from 800 to 1400 meters.

THE NATIONAL INFANTRY Museum prepared a special exhibit relating to the World War II service of the 361st Infantry Regiment for display when the regiment's association dedicated their monument on the museum's grounds. Memorabilia and photographs belonging to members were shown. The regiment served with the 91st Infantry Division in combat during the Italian campaigns of Rome-Arno, North Apennines, and Po Valley.

Donations of items used in the Persian Gulf War continue. Other recent donations of special note are an 1867 edition of *Upton's Infantry Tactics*, East German uniforms and equipment donated by the German liaison officer to Fort Benning, items from Operation

JUST CAUSE that were captured by elements of the 2d Ranger Battalion, and a book *The Guadalcanal Legacy*. INFANTRY Magazine continues to donate review copies of books it has received.

A group of Boy Scouts have volunteered their services in a project to aid the museum. They will remove rust from historic property such as armored vehicles, artillery pieces, and other outdoor equipment on the grounds of the museum and then paint the cleaned areas.

The museum's gift shop has continued to grow. It offers for sale pure silver commemorative coins of all recent wars through DESERT STORM, as well as many other items.

The National Infantry Museum Society, formed at Fort Benning a number of years ago to assist the museum with financial and volunteer support, is open to anyone who is interested in joining. The cost is \$2.00 for a one-year membership or \$10.00 for a lifetime membership.

Additional information about the museum and the society is available from the Director, National Infantry Museum, Fort Benning, GA 31905-5273; telephone DSN 835-2958, or commercial (404) 545-2958.

